

Project Code and Title

4313FA Crash Outcome Data Evaluation System (CODES)

Project Objective

The objective of this program is to link crash, driver, and medical outcome databases to increase their utility, to improve the state's analytical capability and to improve the states's highway safety-related databases.

Background

CODES was developed to study the benefits of safety belt and motorcycle helmet use in crashes as required by Section 1031(b) of the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA). In 1992, NHTSA awarded grants to seven states (Hawaii, Maine, Missouri, Pennsylvania, New York, Utah, and Wisconsin) to link their crash and medical outcome data and produce a report to congress on the benefits of safety belt and motorcycle helmet use.

Problem Definition

There is no one source of data which enables the information about the injury-causing event (the motor vehicle crash) to be directly related to specific medical and financial consequences for each person involved in the crash. Linked crash and medical outcome data enables the injury-causing event to be related to the medical and financial consequences.

Research Approach

To promote and evaluate the usefulness of linked crash and medical outcome data.

Potential Impact/Application

To help states improve their highway safety-related databases and their analytical capability.

Key Milestones

- ▶ Award Linked Data Demonstration Cooperative Agreement, October 1996
- ▶ Solicit Data Linkage Grants, 1997

**RESOURCE
REQUIREMENTS****FY96****FY97****FY98****FY99****FY2000**

Contract Money (\$K)	\$1,000	\$2,200	\$2,500	\$2,600	\$2,700
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Project Manager(s)

Dennis Utter, (202) 366-5351

Completion Date

Ongoing

Publications

1. “Report to Congress February 1996: Benefits of Safety Belts and Motorcycle Helmets”, (DOT HS 808 347), 2/96
2. Johnson and Walker, “NHTSA Technical Report: The Crash Outcome Data Evaluation System (CODES)”, (DOT HS 808 338), 1/96
3. Johnson, “NHTSA Technical Report: So You Want To Link Your State Data”, (DOT HS 808 426), 7/96

Keywords: Linkage, Medical Outcome, CODES

Project Tasks**Task Title and Description**

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|--------|---|
| Task 1 | Demonstrate the usefulness of linked data |
| Task 2 | Promote and market data linkage |
| Task 3 | Linkage grants |

Task	Start Date	Projected Completion Date	Status/Responsibility
1	10/96	10/97	Awarding/Tina Morgan
2	9/95	9/96	On-going/Dennis Utter
3			Planning Stage/Dennis Utter

Supporting Contracts

Task	Contract Number	COTR (phone)	Contracting Officer (phone)	Total Contract Cost (\$K)
1	DTNH22-96-R-07266	(202) 366-0183	(202) 366-9570	\$410
2	DTNH22-94-H-07364	(202) 366-5351	(202) 366-9571	\$121